

10/524314

ST01 Rec'd PCT/PTC 09 FEB 2005

VIA EXPRESS MAIL EL629610605US  
PATENT  
60303.49

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re. application of :  Ken MAKITA et al.  Serial No.: Unknown  Filed: Concurrently herewith  For: PERMANENT MAGNET FOR PARTICLE BEAM ACCELERATOR AND MAGNETIC FIELD GENERATOR	International Application No.: PCT/JP2004/002038  International Filing Date: February 20, 2004
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**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with 37 CFR §1.56, and in recognition of their duty to disclose to the United States Patent and Trademark Office relevant information known to be material to patentability, Applicants herewith submit copies of the prior art references listed on the attached Form PTO-1449.

The prior art references 2 and 6-11 listed on the attached Form PTO-1449 were cited in the International Search Report for PCT Application No. PCT/JP2004/002038. Applicants enclose a copy of the International Search Report for PCT Application No. PCT/JP2004/002038.

The prior art references 1, 3-5, 12, and 13 listed on the attached Form PTO-1449 are additional prior art references that Applicants are submitting herewith.

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The prior art references 3-5 listed on the attached Form PTO-1449 are discussed on page 4 of the attached Substitute Specification.

Applicants have cited U.S. Patent No. 5,292,380 because it is the U.S. equivalent of Japanese Patent Publication No. 64-72502, which is described on page 4 of the Substitute Specification filed concurrently herewith.

Applicants have cited U.S. Patent No. 4,995,905 because it is the U.S. equivalent of Japanese Patent Publication No. 2-101146, which was cited in the International Search Report for PCT Application No. PCT/JP2004/002038.

Applicants submit herewith an English abstract and a machine translation for the prior art references 3-8 and an English abstract for the prior art references 9 and 10.

Applicants did not submit a copy of the U.S. references 1 and 2 as this is no longer a USPTO requirement.

The statement is not a representation that all of the information cited is necessarily effective as prior art against the application. Applicants respectfully request that the disclosed references be made of record in the subject application.

Respectfully submitted,

Date: February 9, 2005

  
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**Complete if Known**

**(Use as many sheets as necessary)**

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Filing Date

**Art Unit**

**Examiner Name**

Attorney Docket Number

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## U.S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM -YYYY	Country of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number-Kind Code <sup>5</sup> (if known)				
	3	JP 08-255726 (English abstract and English machine translation)	10/1996	JAPAN		X
	4	JP 2001-028300 (English abstract and English machine translation)	01/2001	JAPAN		X
	5	JP 2003-305021 (English abstract and English machine translation)	10/2003	JAPAN		X
	6	JP 06-260316 (English abstract and English machine translation)	09/1994	JAPAN		X
	7	JP 2002-299110 (English abstract and English machine translation)	10/2002	JAPAN		X
	8	JP 10-270197 (English abstract and English machine translation)	10/1998	JAPAN		X
	9	JP 04-334899 (English abstract)	11/1992	JAPAN		X
	10	JP 02-114499 (English abstract)	04/1990	JAPAN		X
	11	JP 02-101146 (English abstract)	04/1990	JAPAN		X

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

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Application Number

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Filing Date

First Named Inventor

Ken MAKITA

Art Unit

Examiner Name

Attorney Docket Number 60303.49

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title Of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	12	OKUDA et al.; "Effects of Electron-Beam and $\gamma$ -Ray Irradiation On The Magnetic Flux of Nd-Fe-B and Sm-Co Permanent Magnets"; Nuclear Instruments and Methods in Physics Research B; vol 94 (1994); pp. 227-230.	
	13	ITO et al.; "Magnetic Flux Loss In Rare-Earth Magnets Irradiated With 200 MeV Protons"; Nuclear Instruments and Methods in Physics Research B; vol. 183 (2001); pp. 323-328.	

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SignatureDate  
Considered